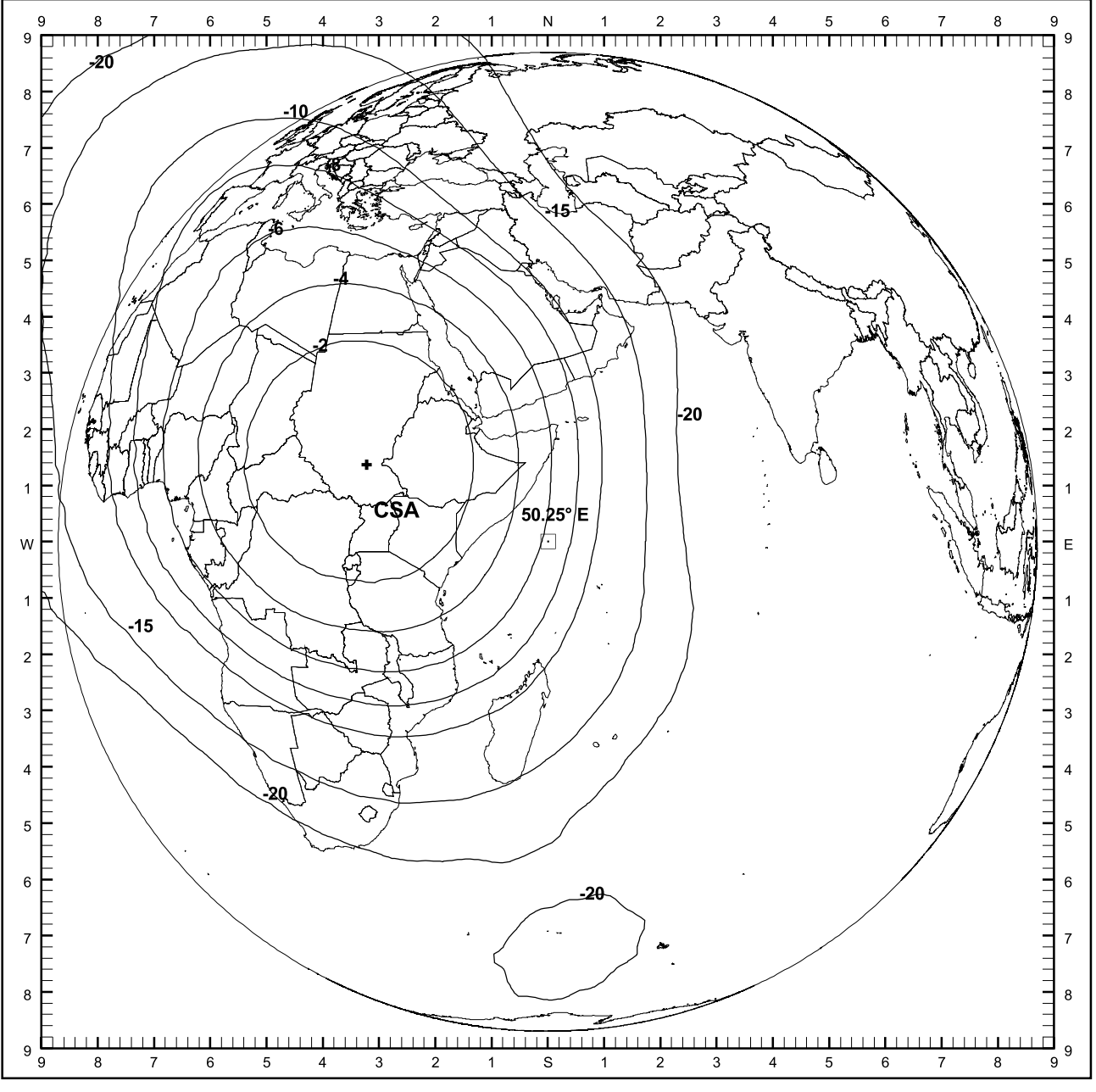


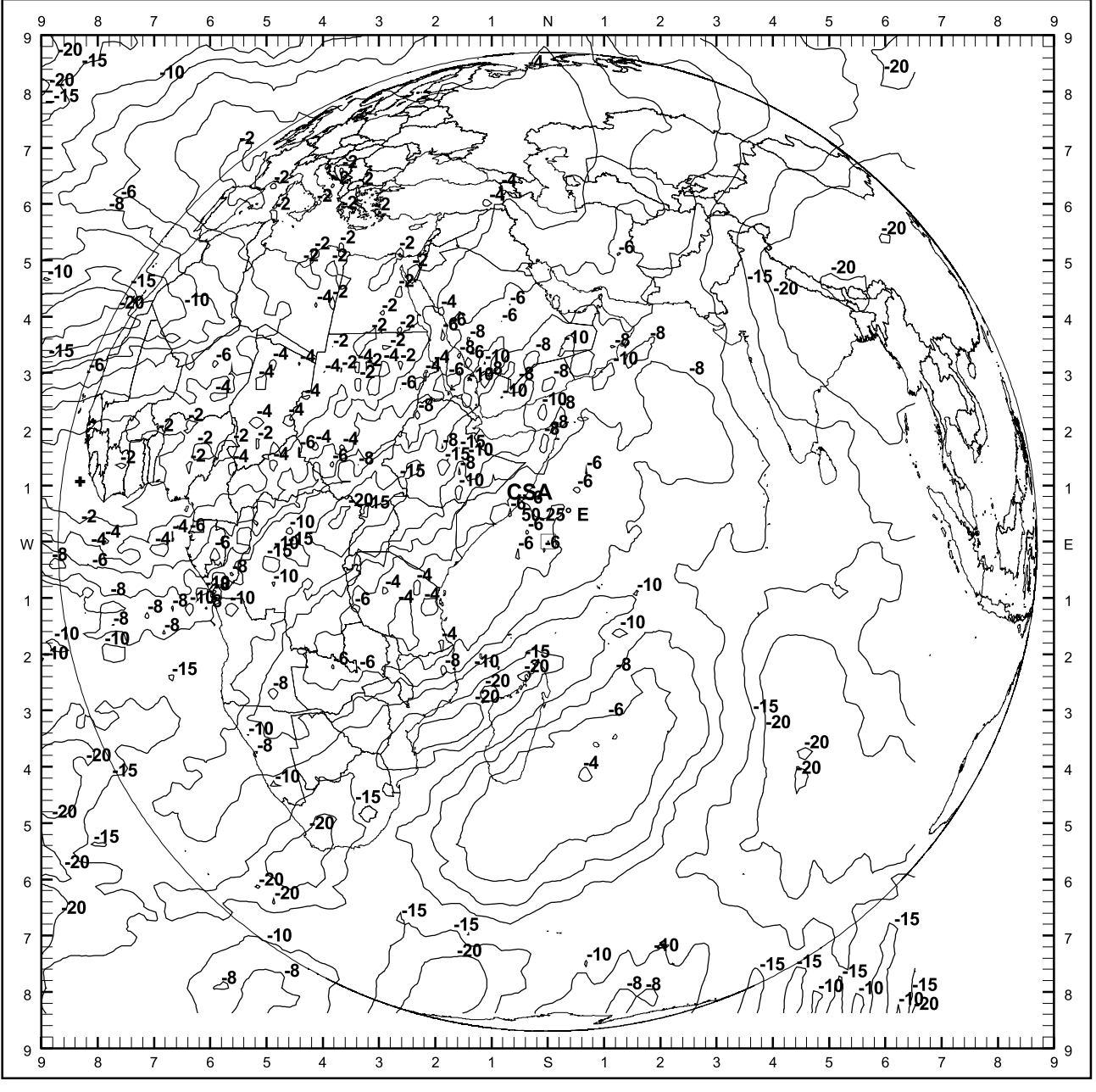
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSA	:	3.62°W 1.87°N
Peak Gain (Uplink Co-pol) (See +)		
CSA	:	30.3 dBi
Beam Peak G/T		
CSA	:	2.6 dB/K
Contour Levels		
CSA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSA	:	6320
Polarization		
CSA	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



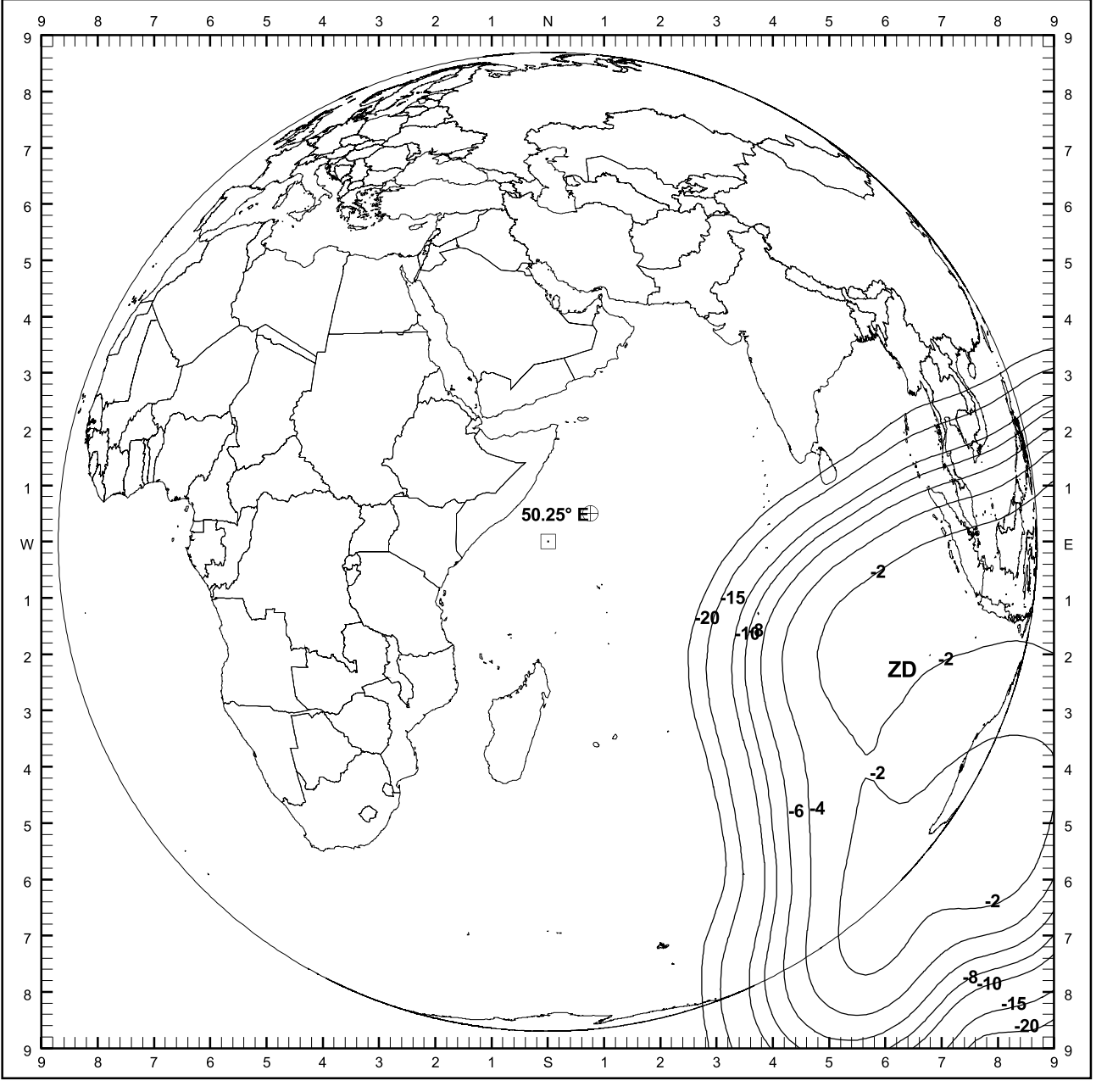
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSA	:	3.62°W 1.87°N
Peak Gain (Uplink X-pol) (See +)		
CSA	:	5.2 dBi
Contour Levels		
CSA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSA	:	6320
Polarization		
CSA	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



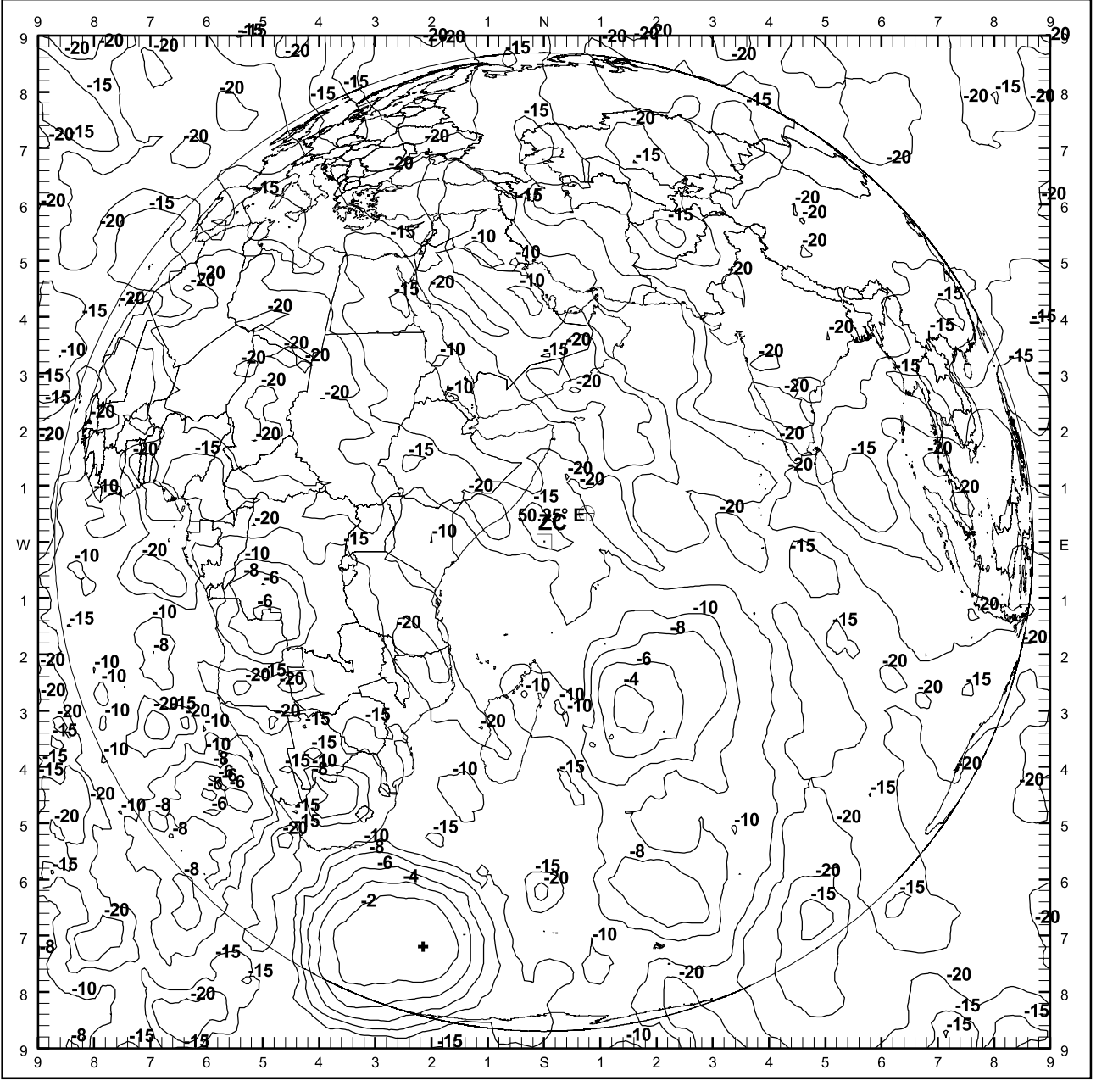
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink Co-pol) (See +)		
ZD	:	27.0 dBi
Beam Peak G/T		
ZD	:	-0.4 dB/K
Contour Levels		
ZD	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZD	:	6149
Polarization		
ZD	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



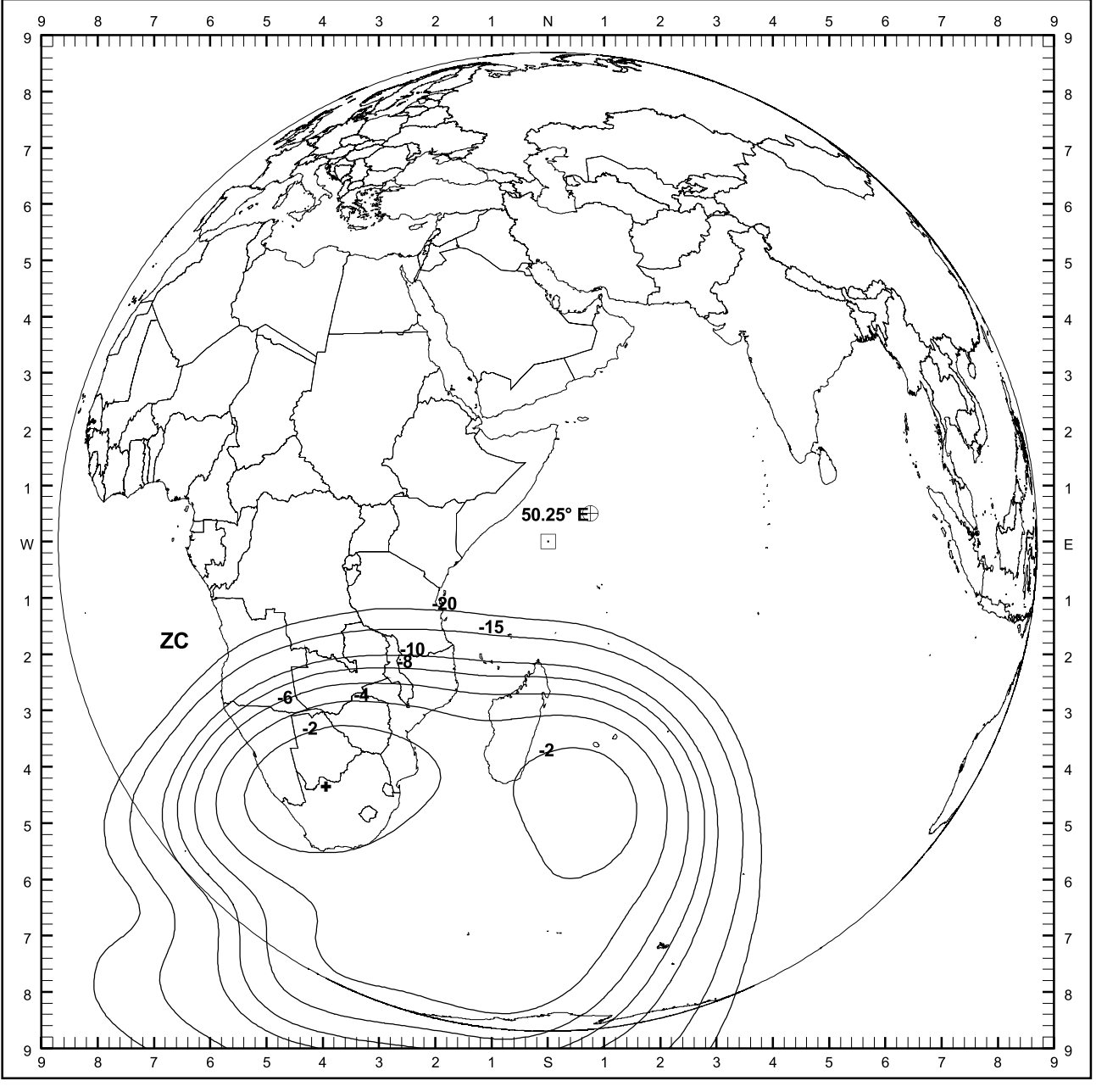
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink X-pol) (See +)		
ZC	:	-2.3 dBi
Contour Levels		
ZC	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZC	:	6149
Polarization		
ZC	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



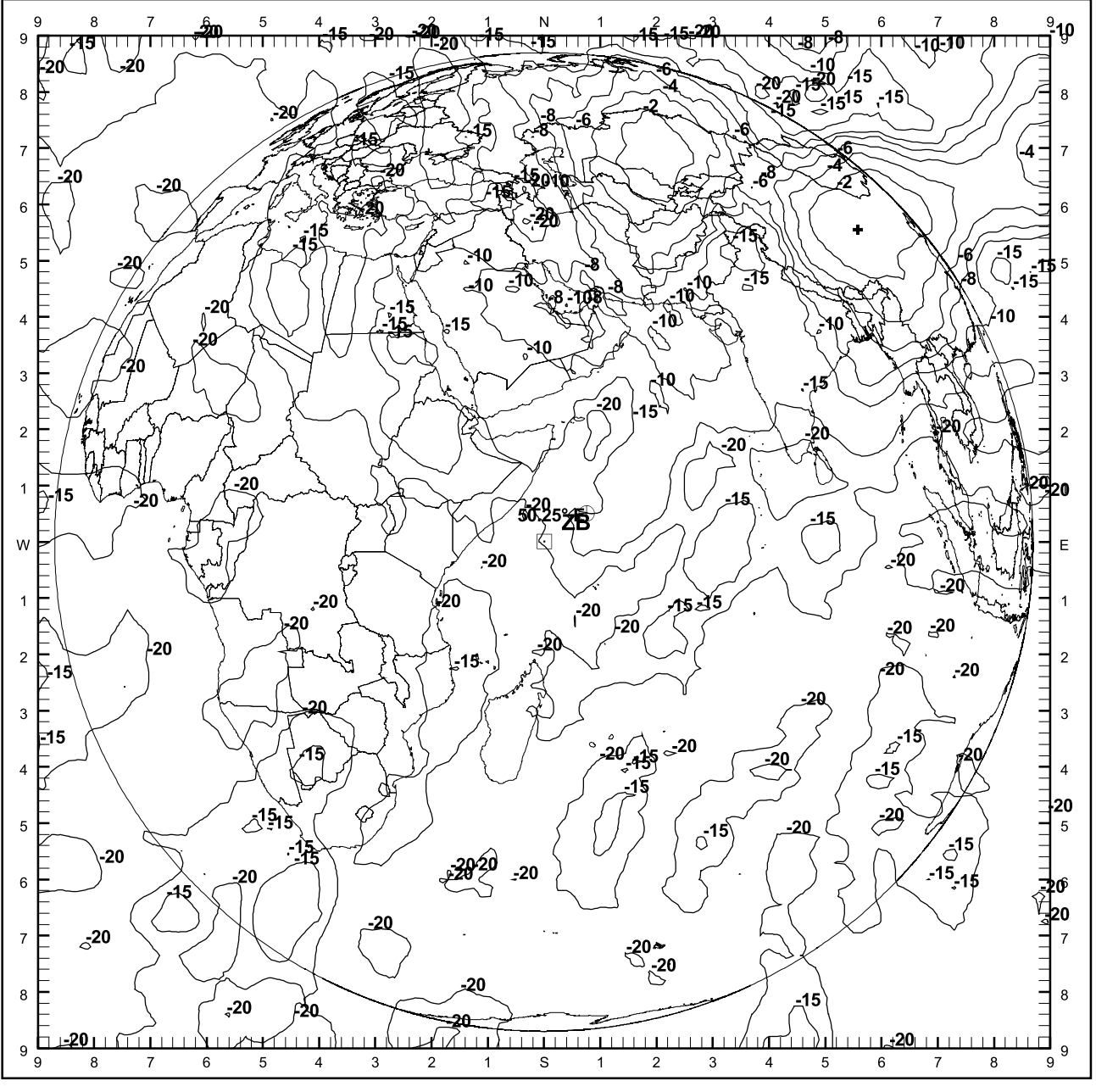
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink Co-pol) (See +)		
ZC	:	28.0 dBi
Beam Peak G/T		
ZC	:	0.7 dB/K
Contour Levels		
ZC	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZC	:	6149
Polarization		
ZC	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



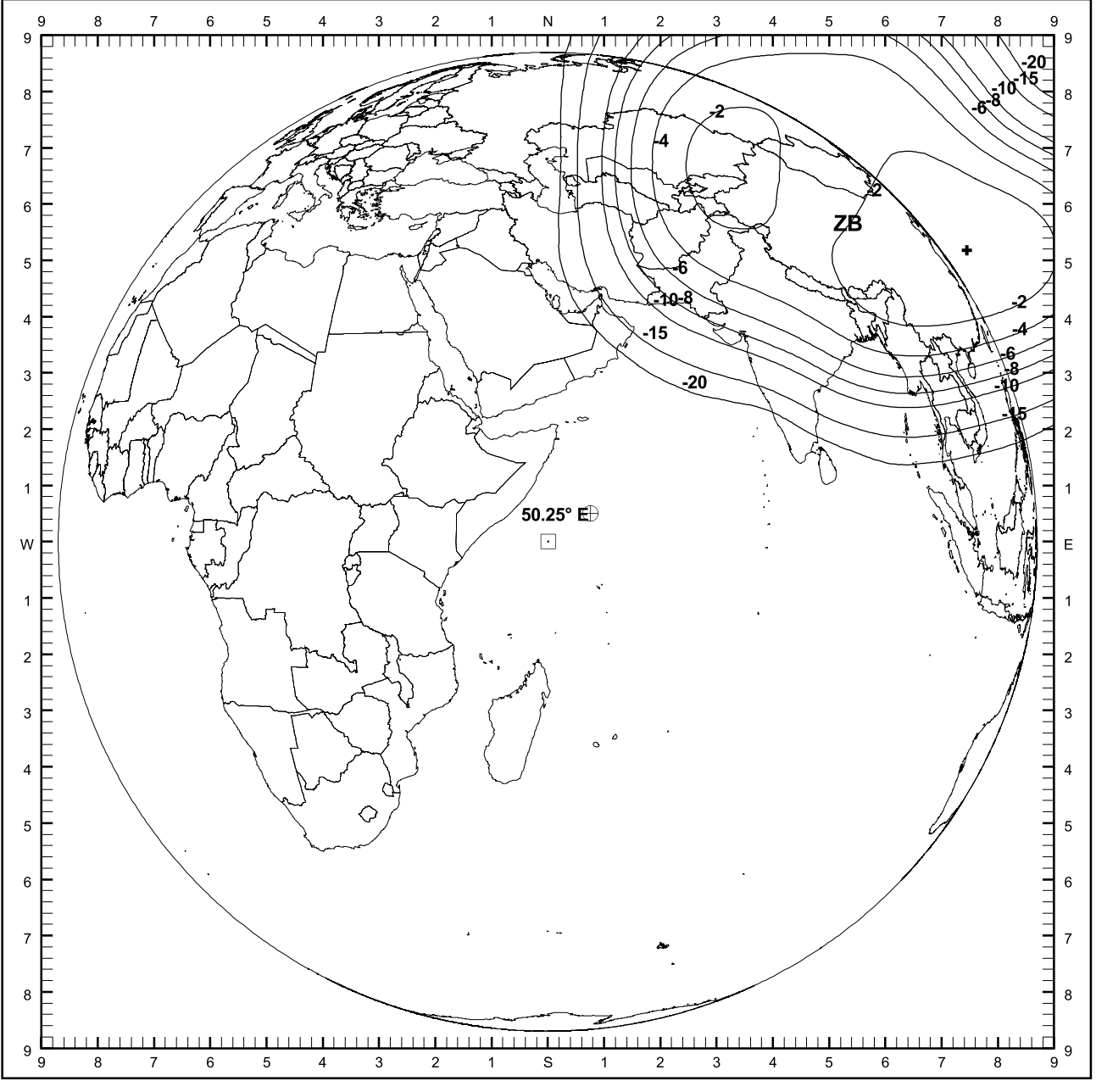
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink X-pol) (See +)		
ZB	:	0.1 dBi
Contour Levels		
ZB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZB	:	6149
Polarization		
ZB	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



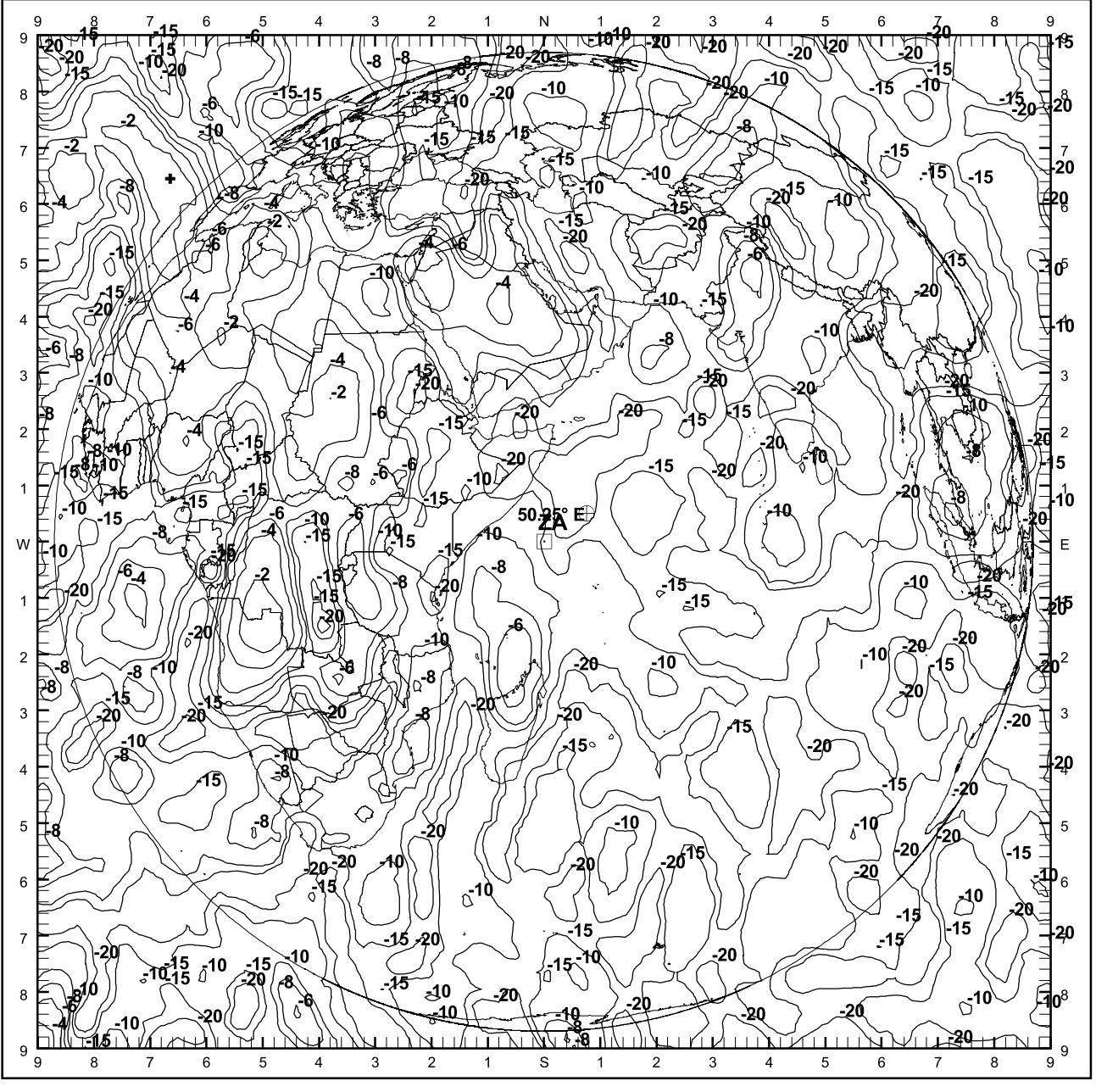
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink Co-pol) (See +)		
ZB	:	28.3 dBi
Beam Peak G/T		
ZB	:	0.9 dB/K
Contour Levels		
ZB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZB	:	6149
Polarization		
ZB	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



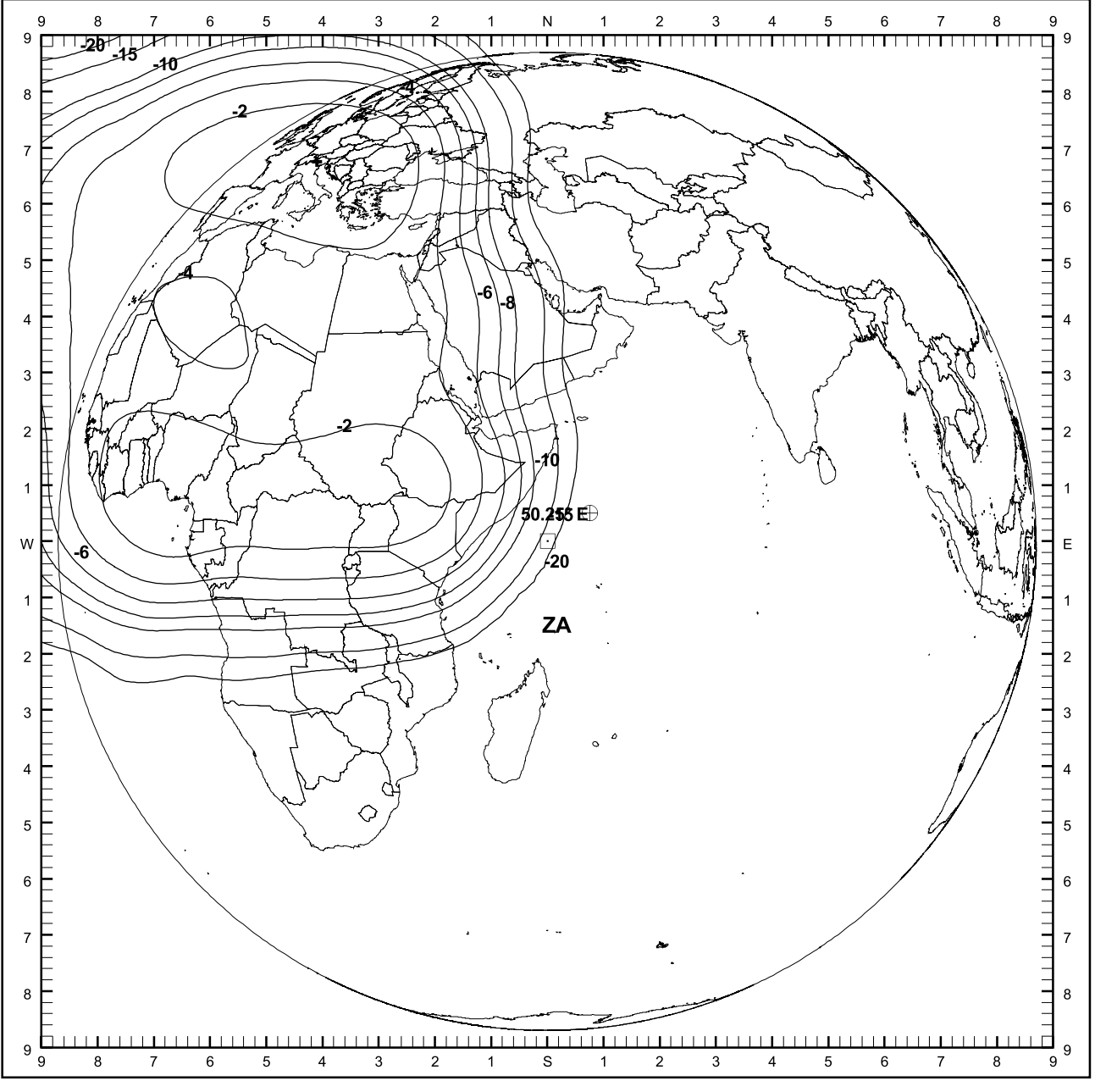
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink X-pol) (See +)		
ZA	:	-2.9 dBi
Contour Levels		
ZA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZA	:	6149
Polarization		
ZA	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



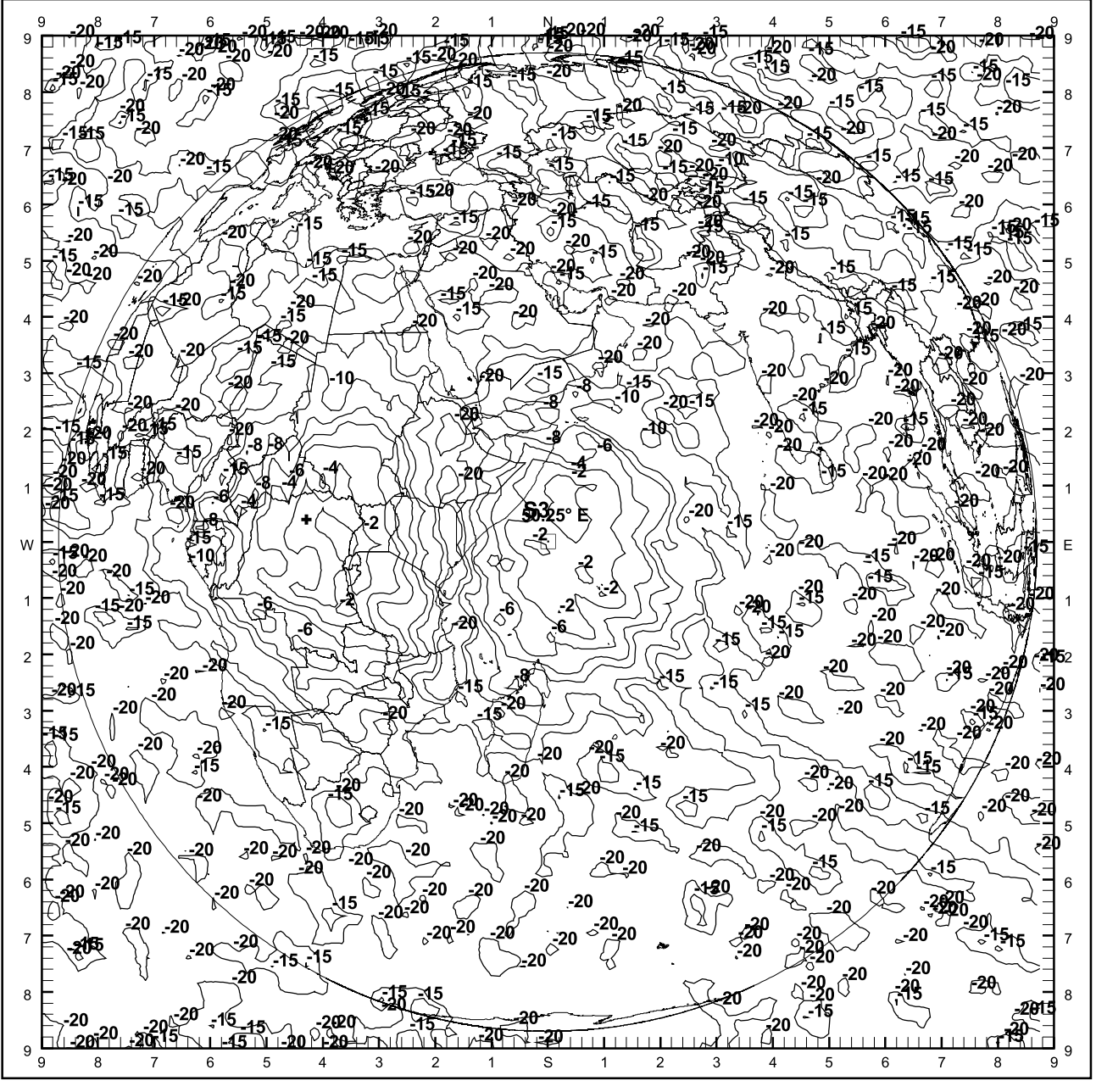
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink Co-pol) (See +)		
ZA	:	26.9 dBi
Beam Peak G/T		
ZA	:	-0.4 dB/K
Contour Levels		
ZA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZA	:	6149
Polarization		
ZA	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



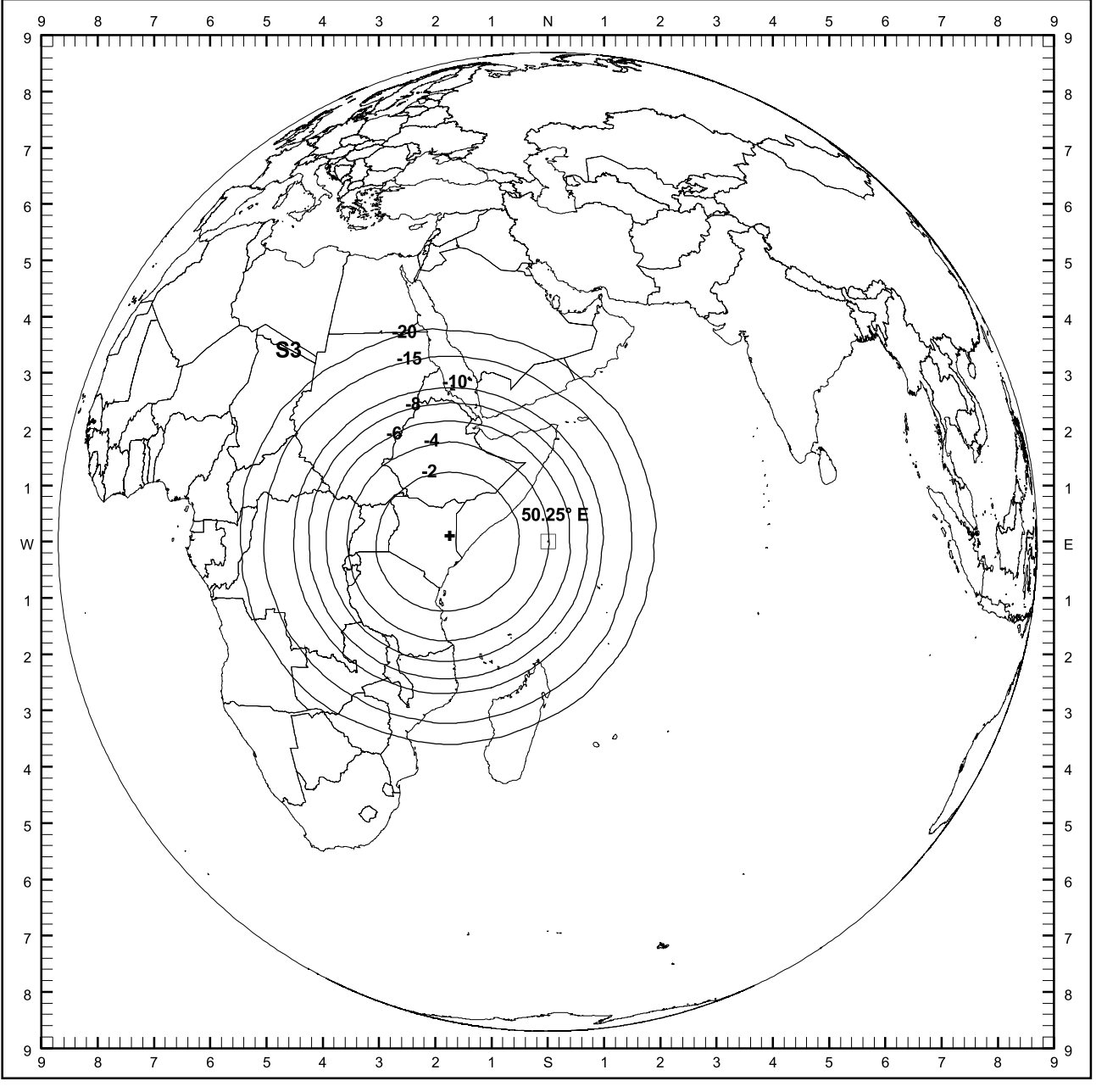
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S3	:	1.78°W 0.01°S
Peak Gain (Uplink X-pol) (See +)		
S3	:	8.0 dBi
Contour Levels		
S3	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S3	:	14224
Polarization		
S3	:	Linear Vertical
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



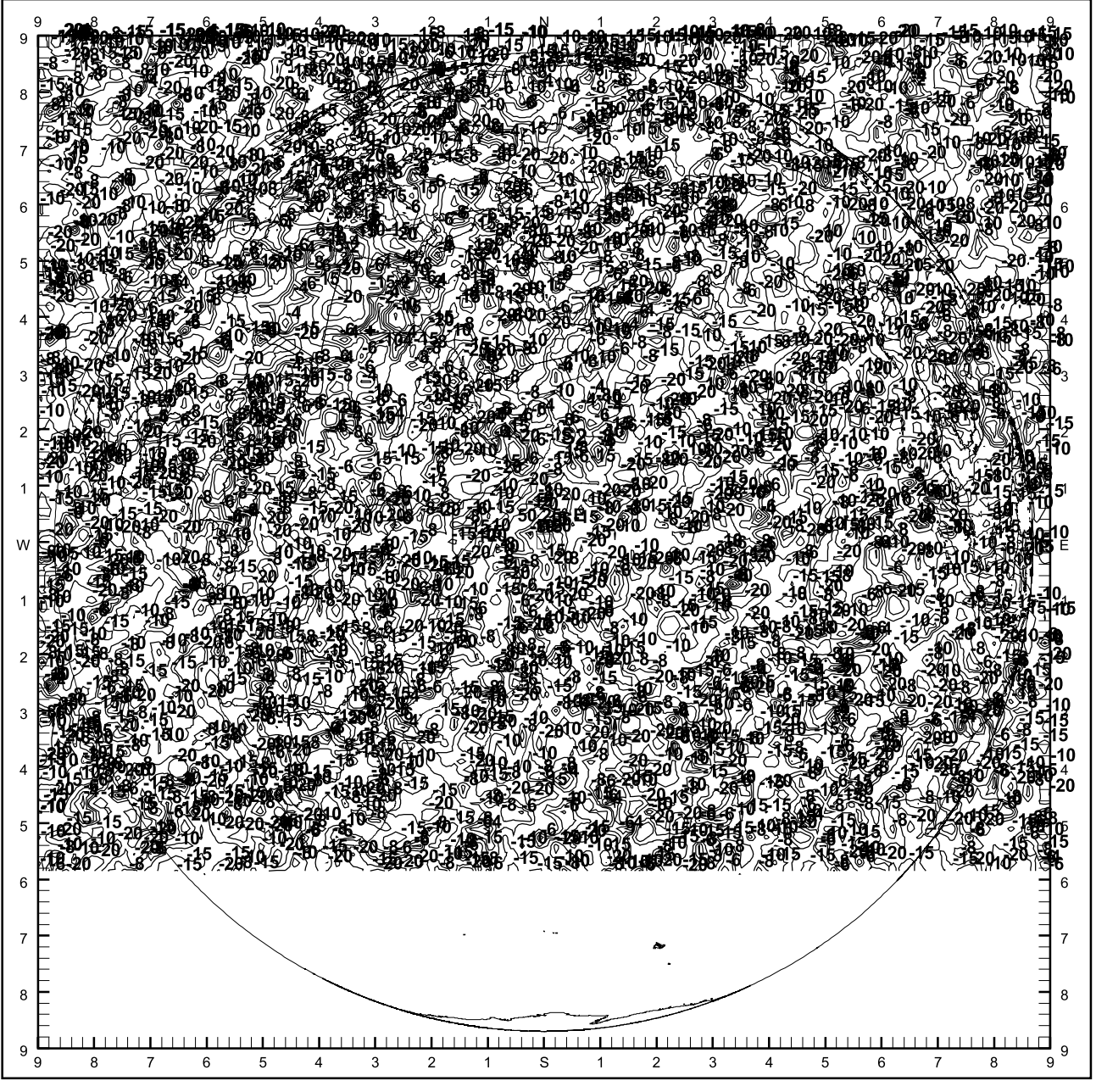
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S3	:	1.78°W 0.01°S
Peak Gain (Uplink Co-pol) (See +)		
S3	:	35.3 dBi
Beam Peak G/T		
S3	:	7.2 dB/K
Contour Levels		
S3	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S3	:	14224
Polarization		
S3	:	Linear Horizontal
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



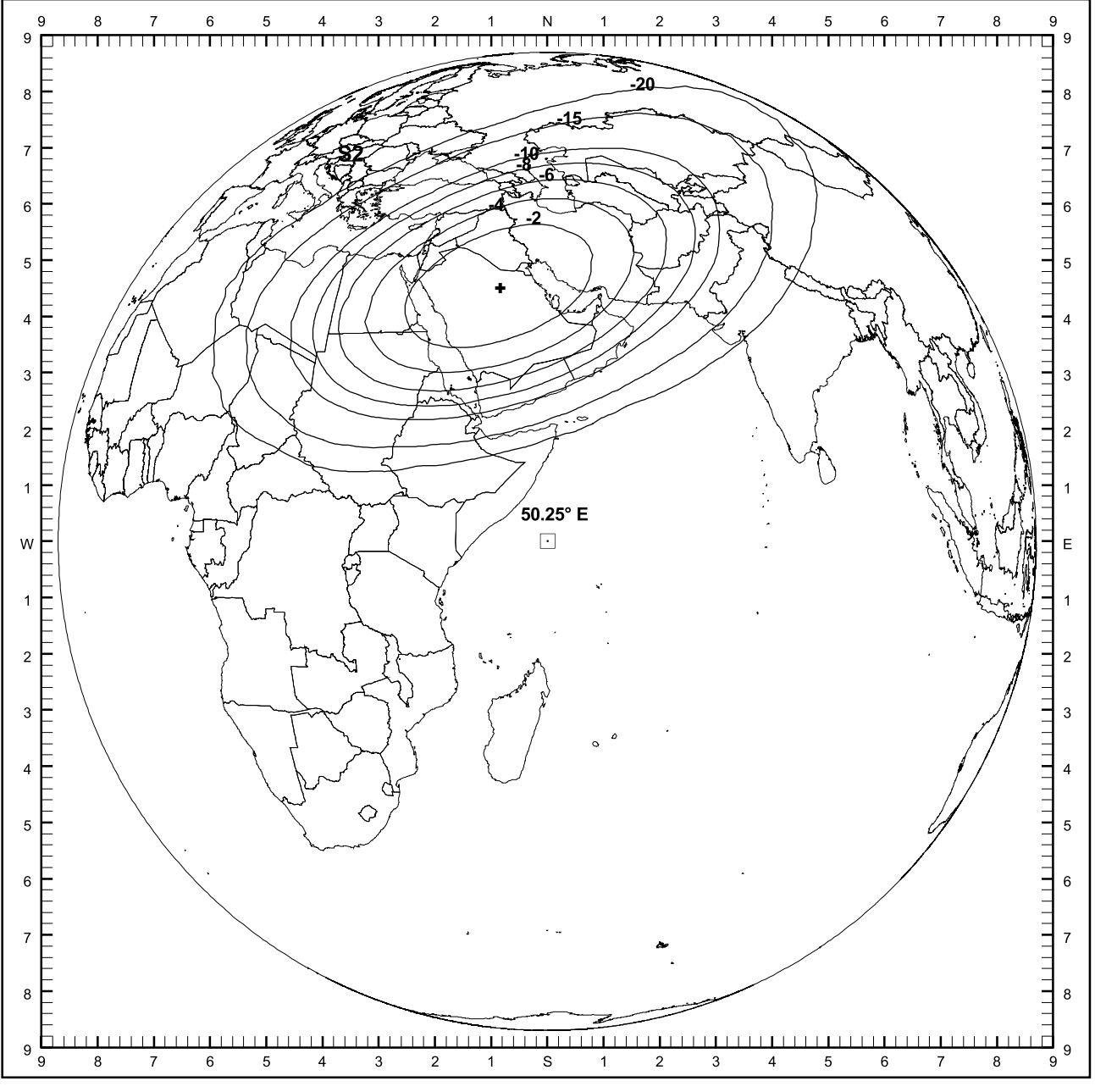
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S2	:	0.87°W 4.52°N
Peak Gain (Uplink X-pol) (See +)		
S2	:	-4.9 dBi
Contour Levels		
S2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S2	:	14224
Polarization		
S2	:	Linear Horizontal
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



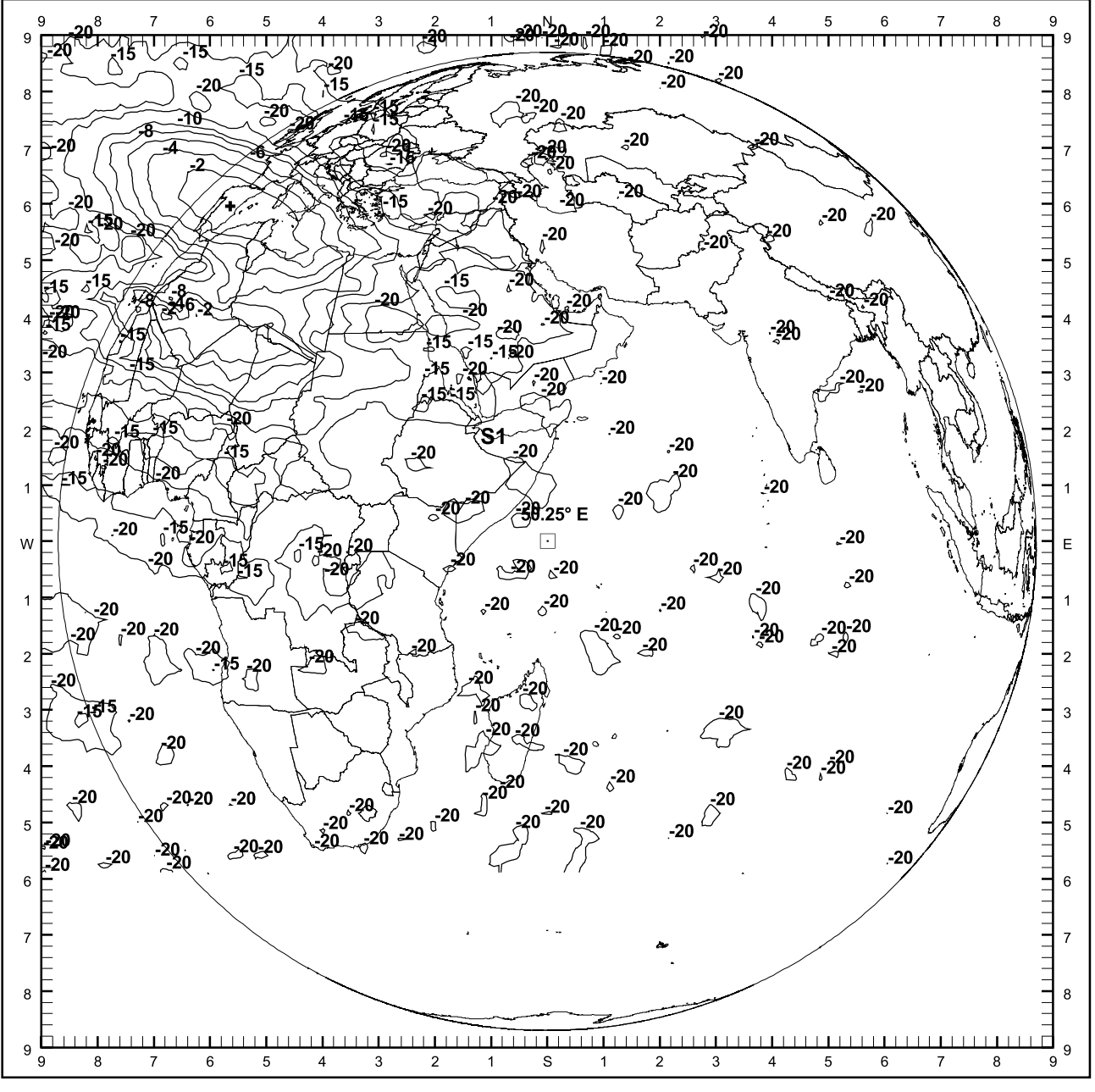
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S2	:	0.87°W 4.52°N
Peak Gain (Uplink Co-pol) (See +)		
S2	:	34.6 dBi
Beam Peak G/T		
S2	:	6.3 dB/K
Contour Levels		
S2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S2	:	14224
Polarization		
S2	:	Linear Vertical
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



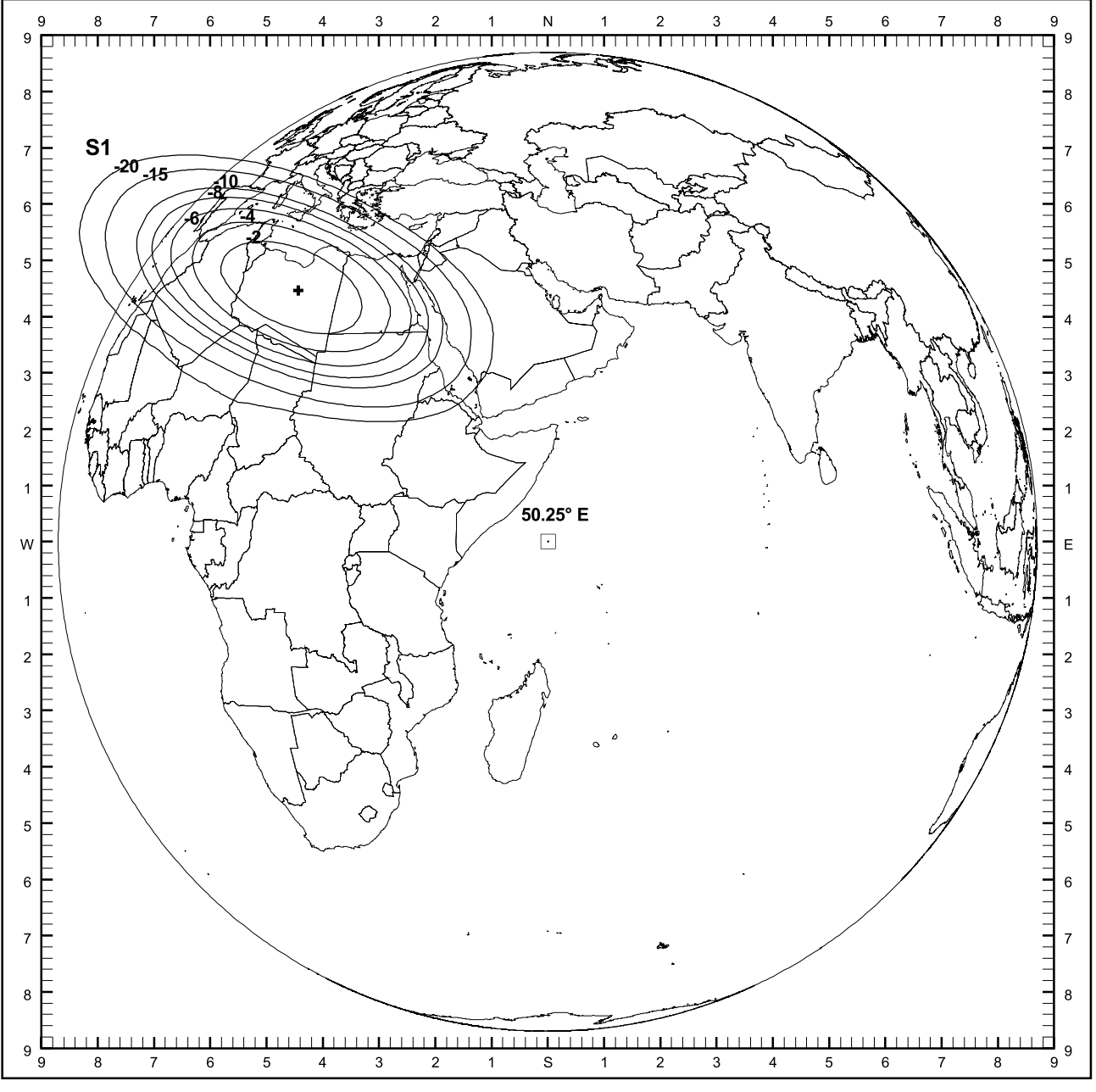
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S1	:	4.53°W 4.54°N
Peak Gain (Uplink X-pol) (See +)		
S1	:	6.3 dBi
Contour Levels		
S1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S1	:	14224
Polarization		
S1	:	Linear Vertical
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



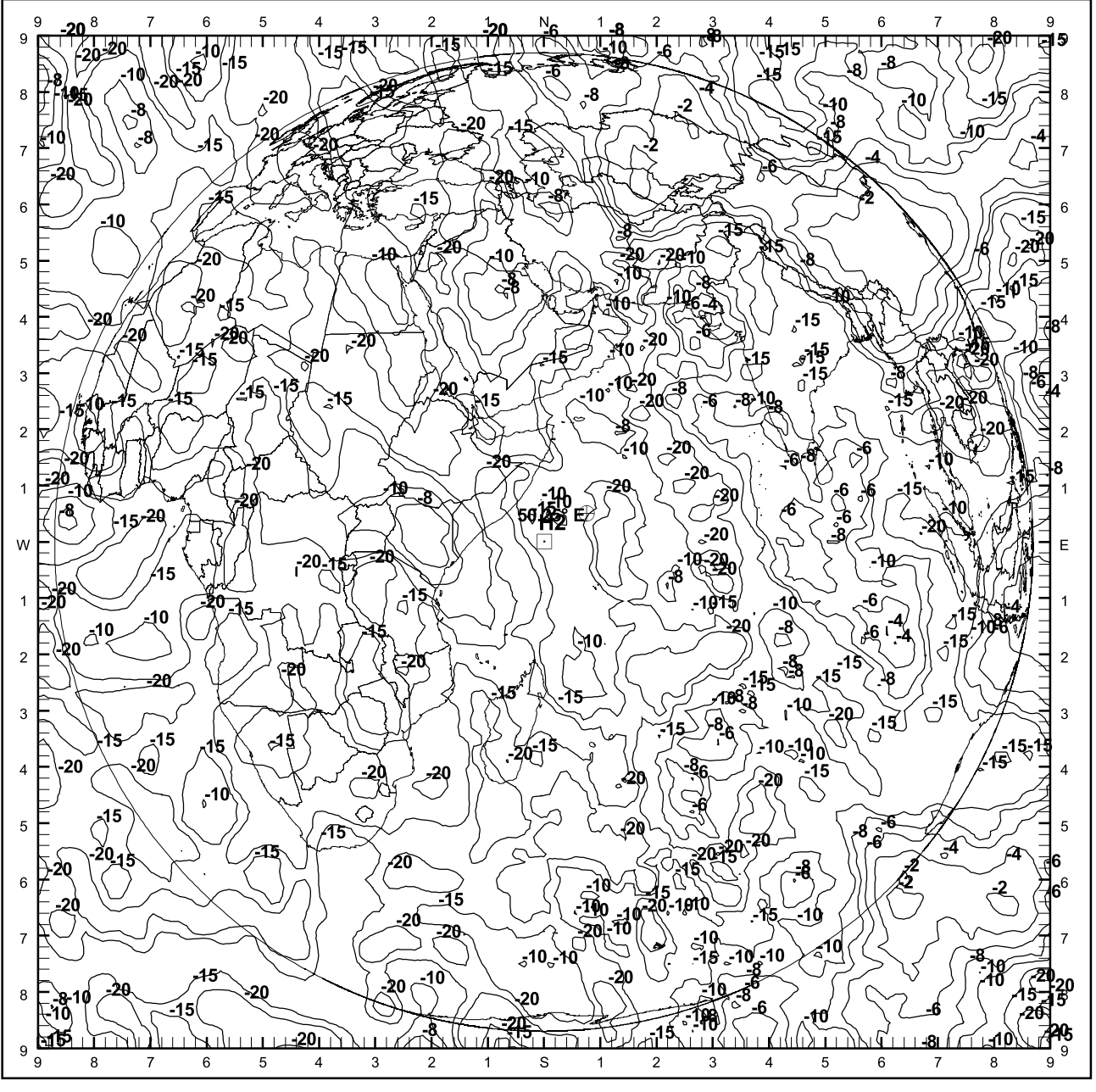
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S1	:	4.53°W 4.54°N
Peak Gain (Uplink Co-pol) (See +)		
S1	:	37.6 dBi
Beam Peak G/T		
S1	:	9.6 dB/K
Contour Levels		
S1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S1	:	14224
Polarization		
S1	:	Linear Horizontal
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



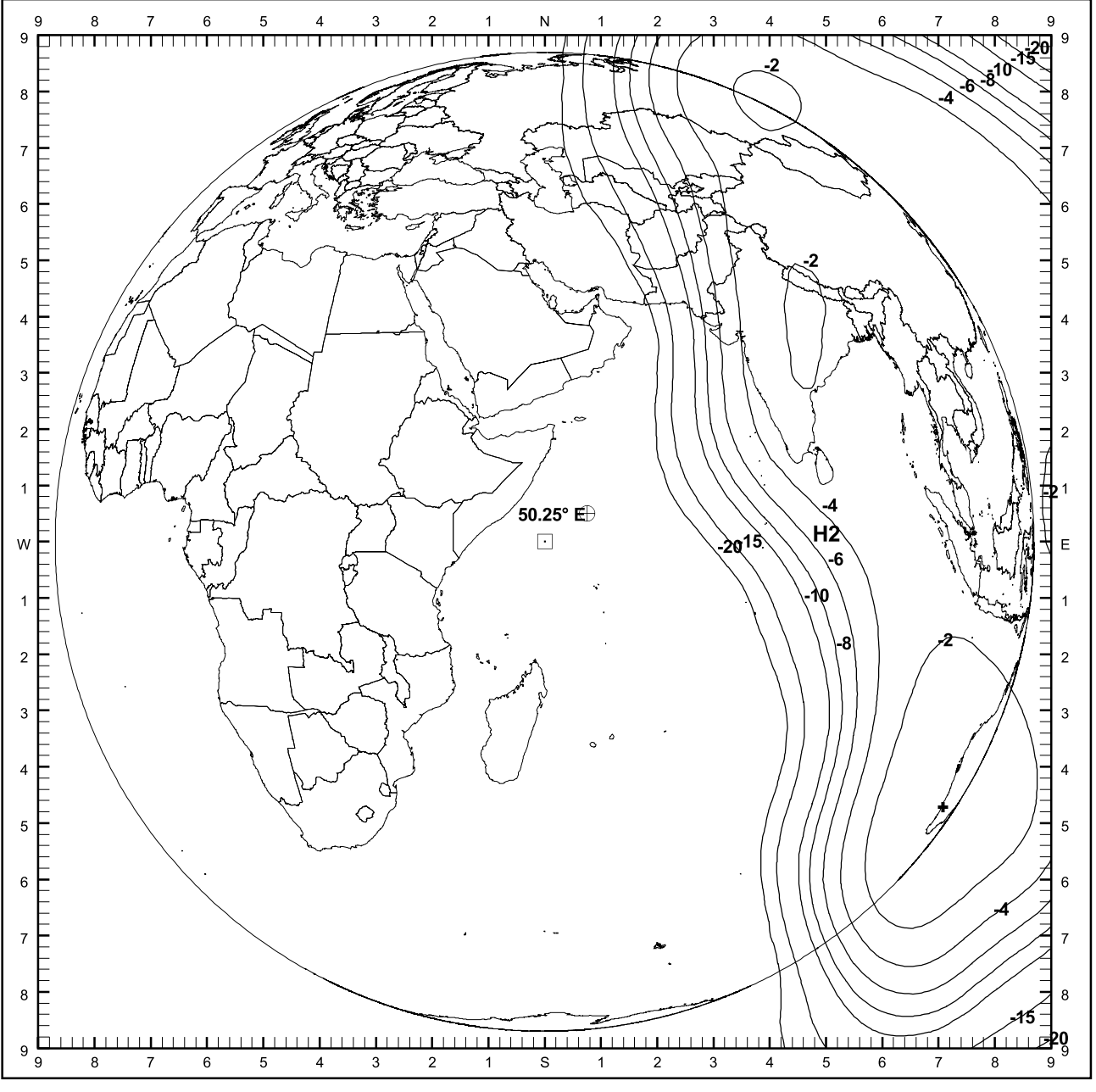
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink X-pol) (See +)		
H2	:	-3.9 dBi
Contour Levels		
H2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H2	:	6149
Polarization		
H2	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



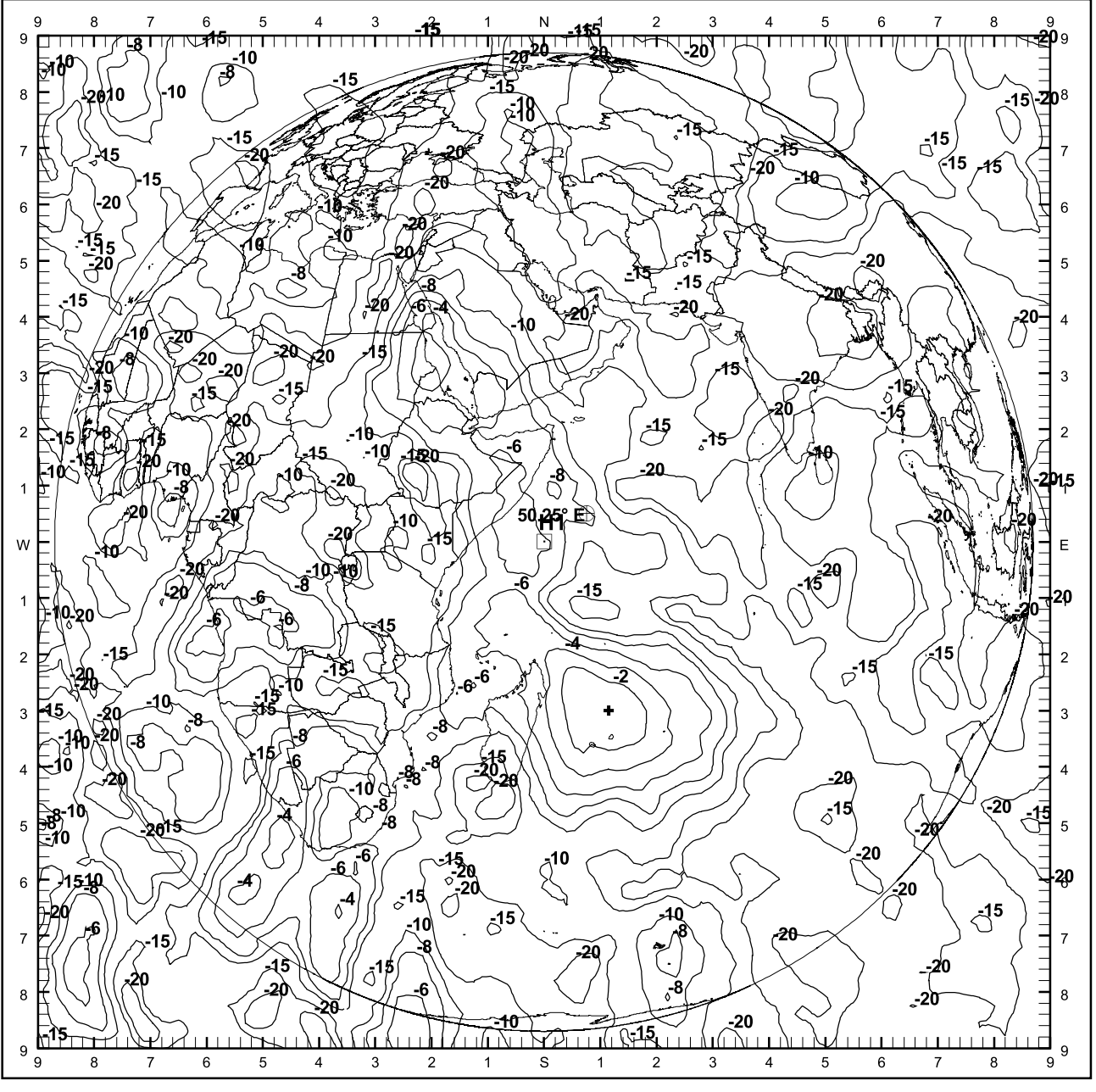
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink Co-pol) (See +)		
H2	:	25.9 dBi
Beam Peak G/T		
H2	:	-1.7 dB/K
Contour Levels		
H2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H2	:	6149
Polarization		
H2	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



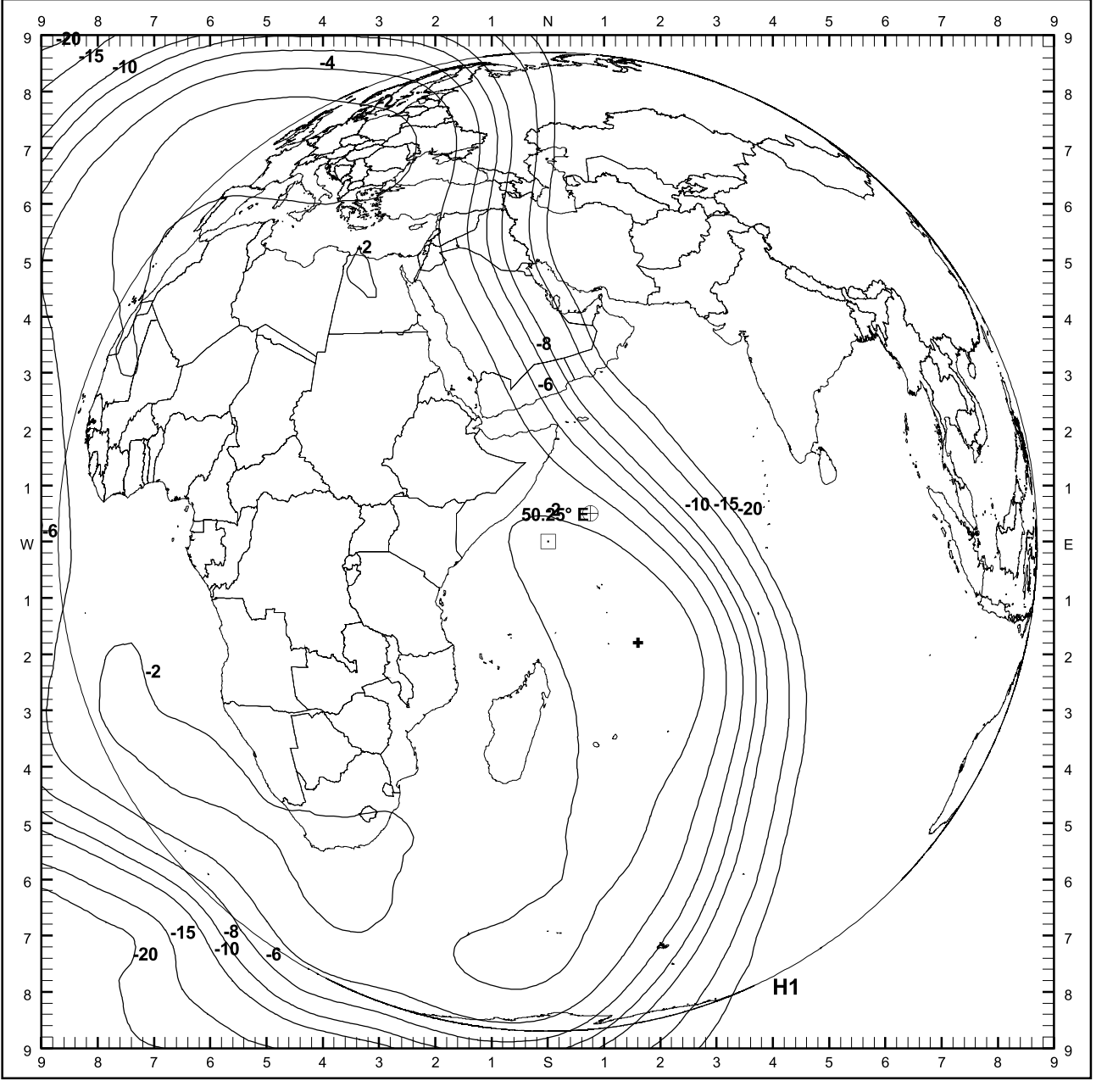
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink X-pol) (See +)		
H1	:	-0.8 dBi
Contour Levels		
H1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H1	:	6149
Polarization		
H1	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



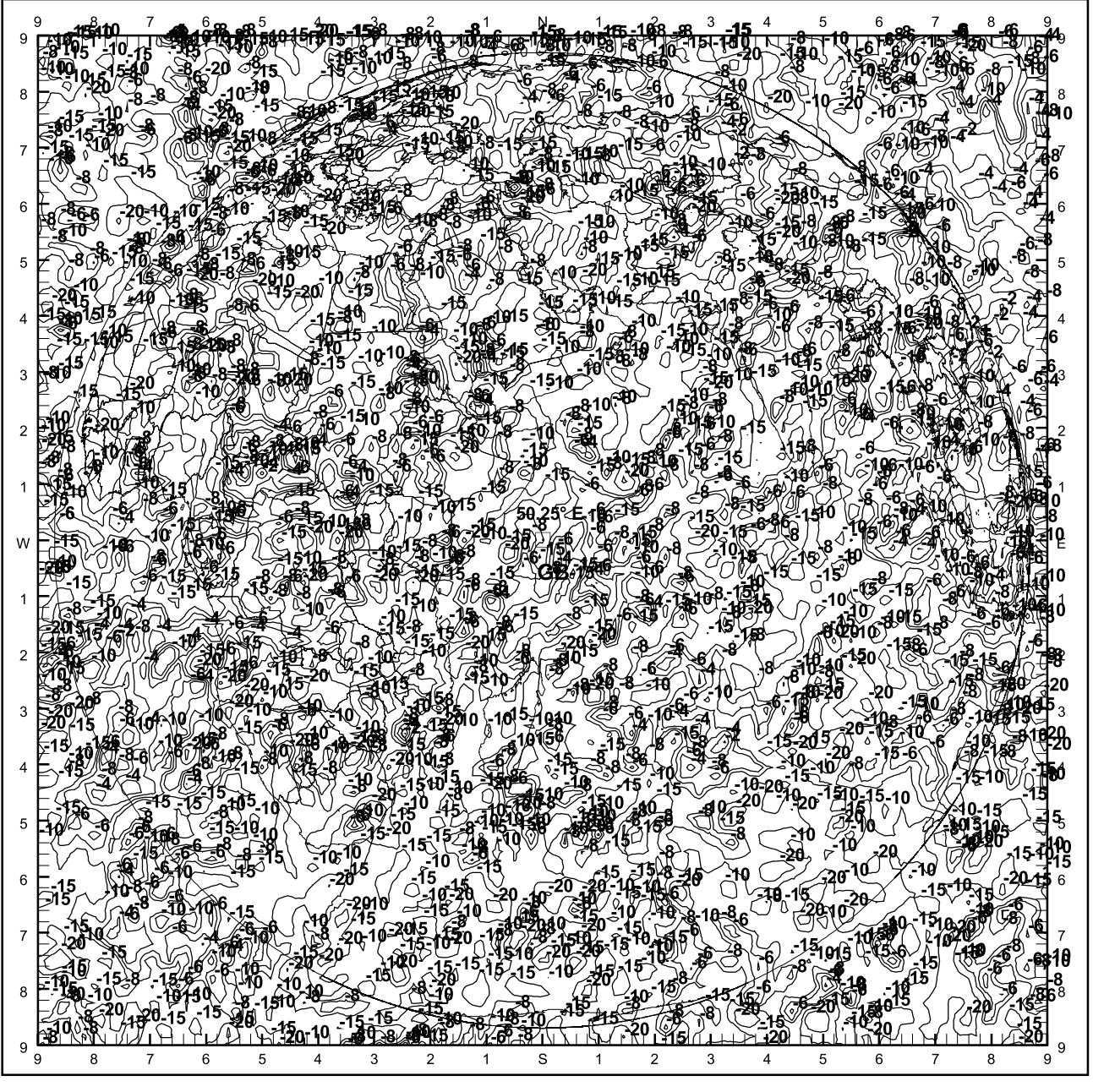
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink Co-pol) (See +)		
H1	:	23.8 dBi
Beam Peak G/T		
H1	:	-3.6 dB/K
Contour Levels		
H1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H1	:	6149
Polarization		
H1	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



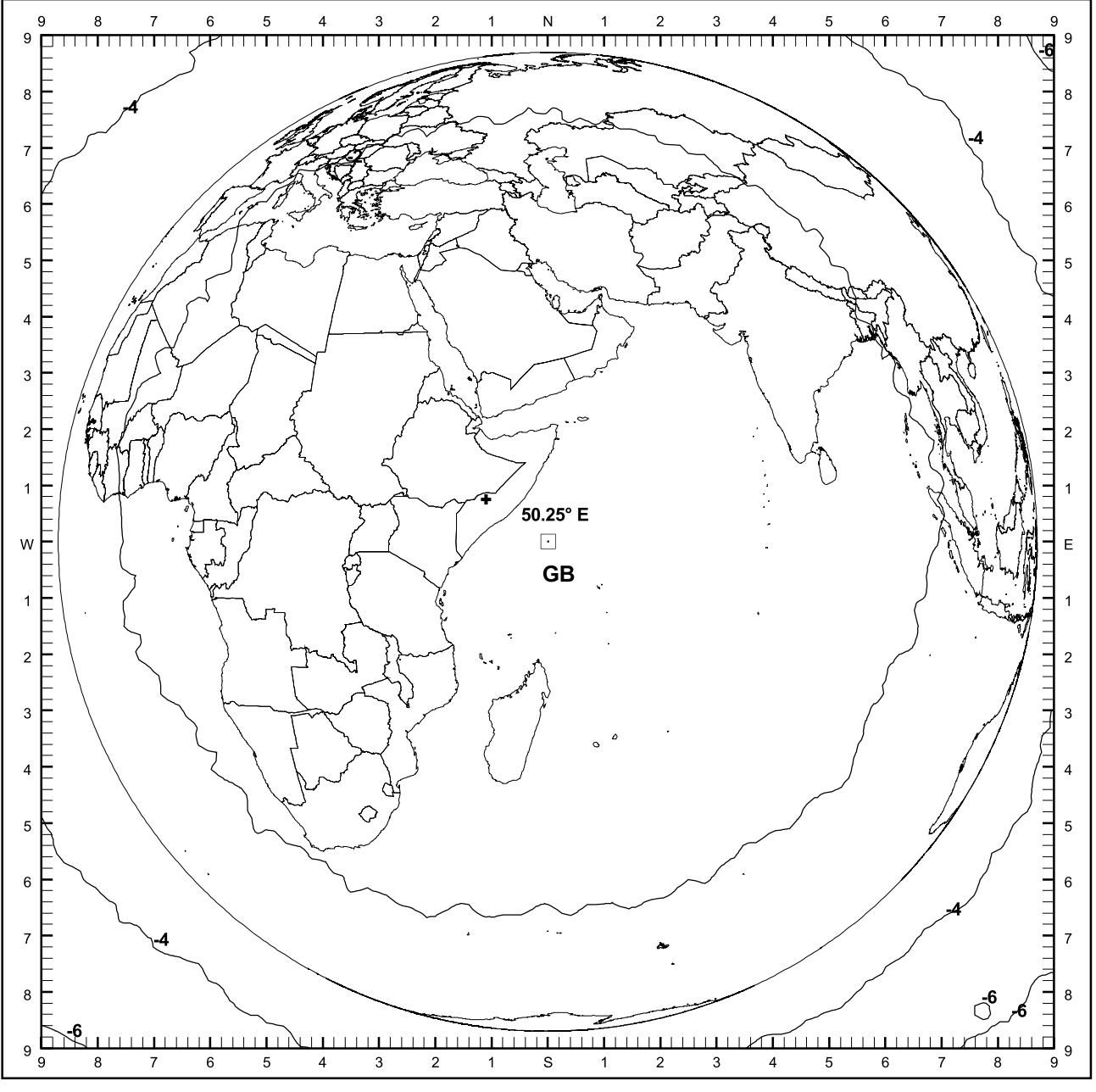
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GB	:	0.00°E 0.50°N
Peak Gain (Uplink X-pol) (See +)		
GB	:	-11.2 dBi
Contour Levels		
GB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GB	:	6320
Polarization		
GB	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



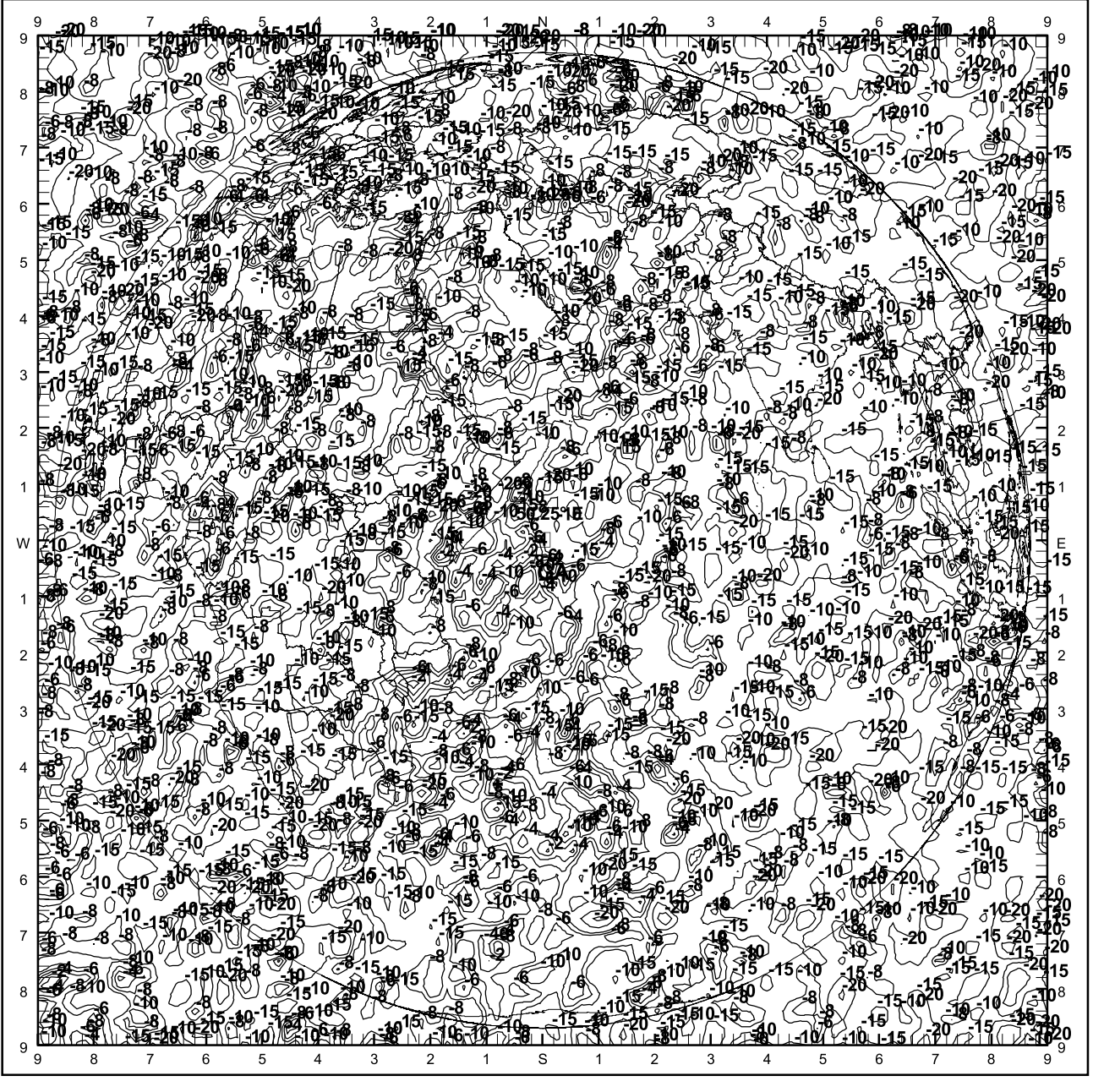
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GB	:	0.00°E 0.50°N
Peak Gain (Uplink Co-pol) (See +)		
GB	:	20.3 dBi
Beam Peak G/T		
GB	:	-7.2 dB/K
Contour Levels		
GB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GB	:	6320
Polarization		
GB	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



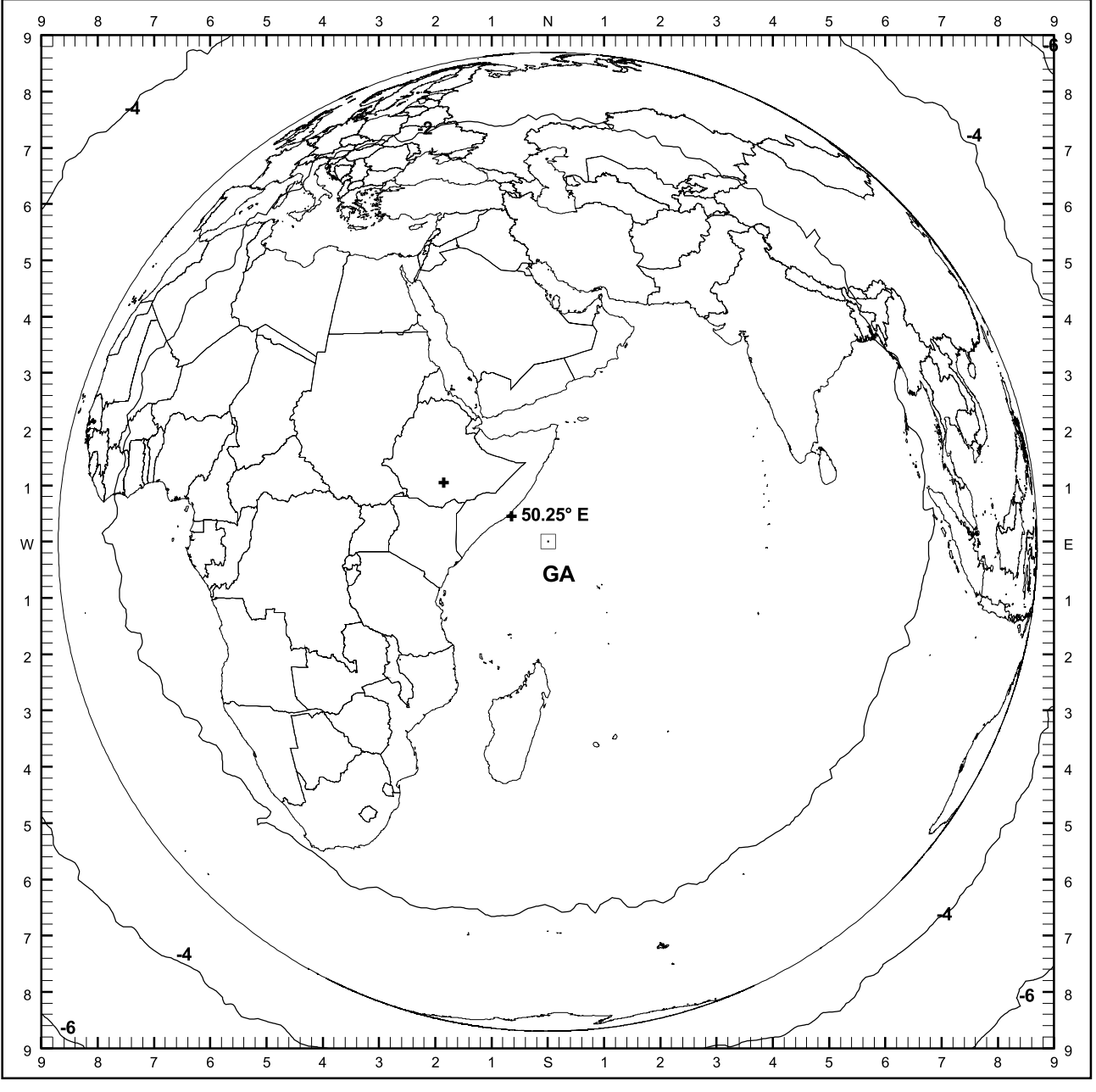
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GA	:	0.00°E 0.50°N
Peak Gain (Uplink X-pol) (See +)		
GA	:	-10.0 dBi
Contour Levels		
GA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GA	:	6320
Polarization		
GA	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



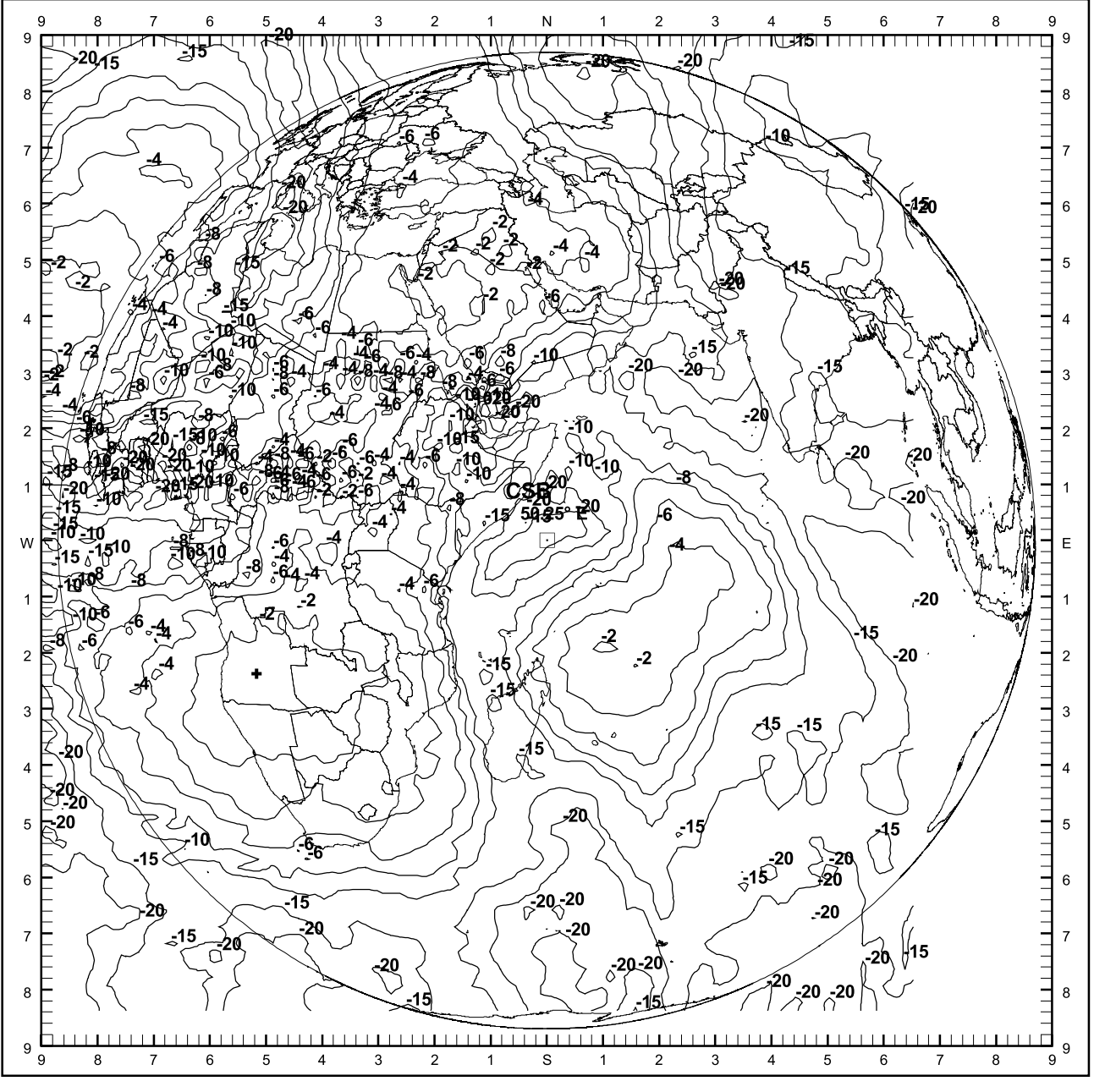
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GA	:	0.00°E 0.50°N
Peak Gain (Uplink Co-pol) (See +)		
GA	:	20.3 dBi
Beam Peak G/T		
GA	:	-7.3 dB/K
Contour Levels		
GA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GA	:	6320
Polarization		
GA	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



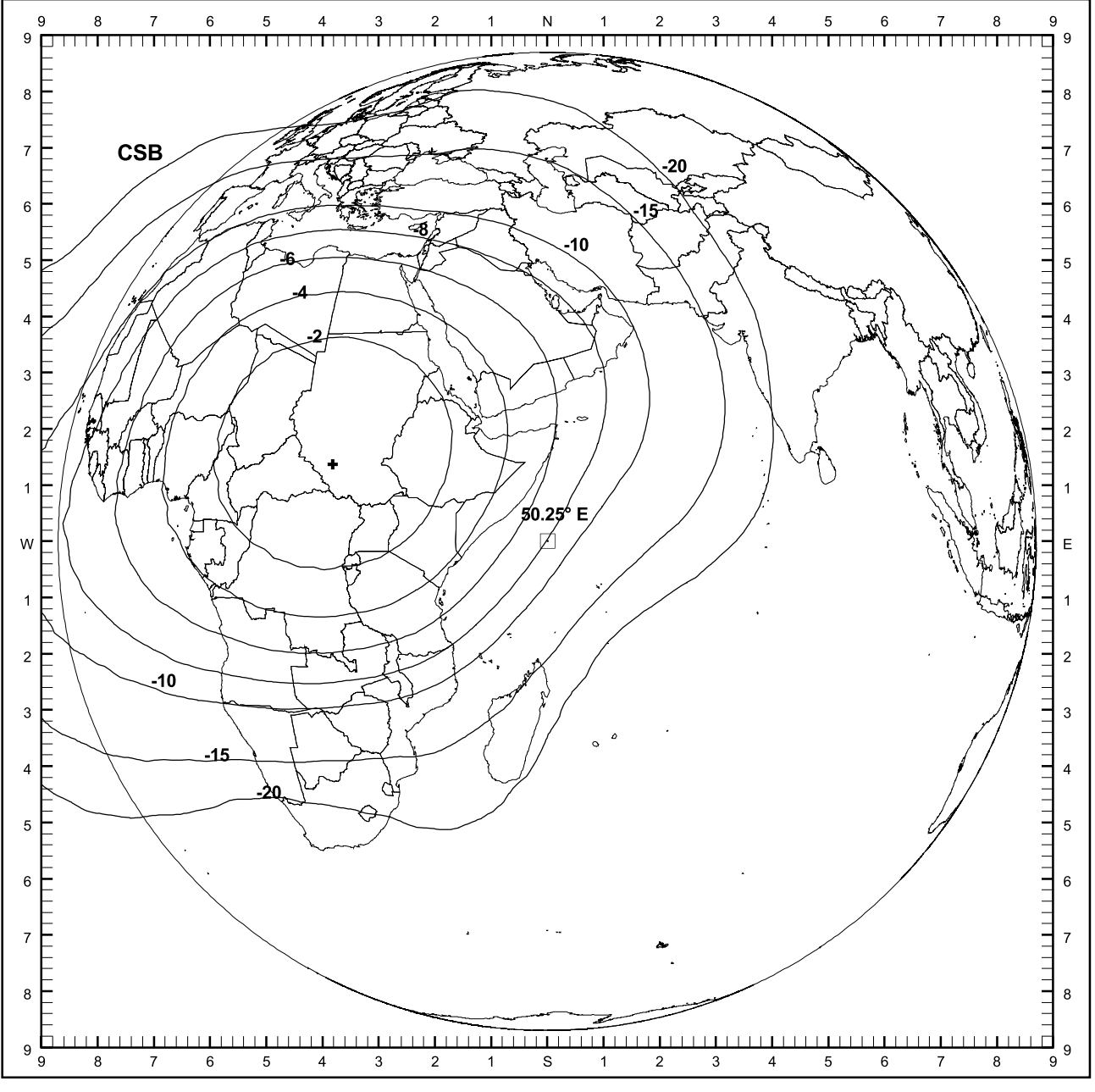
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSB	:	3.62°W 1.87°N
Peak Gain (Uplink X-pol) (See +)		
CSB	:	1.7 dBi
Contour Levels		
CSB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSB	:	6320
Polarization		
CSB	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



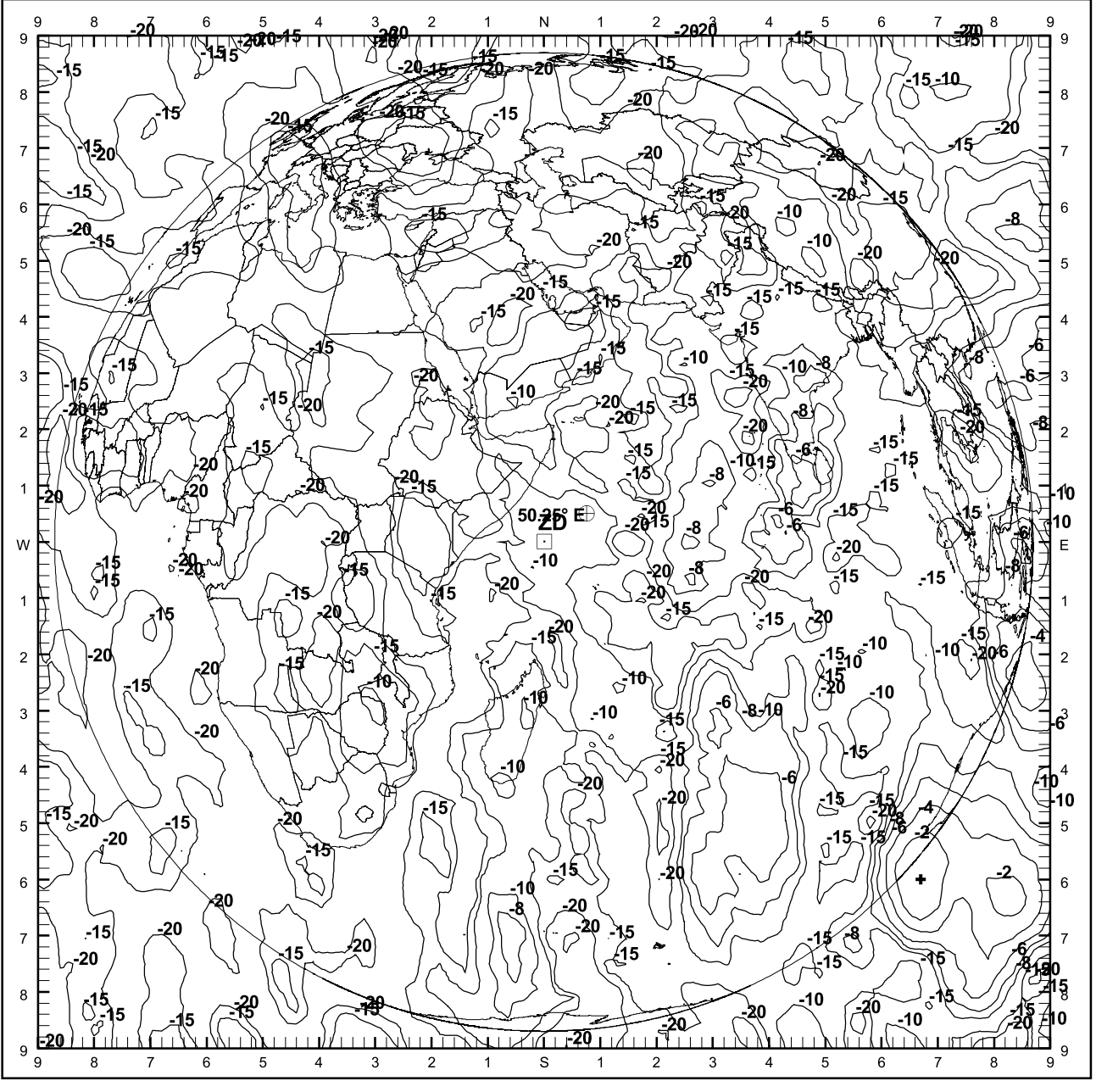
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSB	:	3.62°W 1.87°N
Peak Gain (Uplink Co-pol) (See +)		
CSB	:	30.3 dBi
Beam Peak G/T		
CSB	:	2.5 dB/K
Contour Levels		
CSB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSB	:	6320
Polarization		
CSB	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Uplink X-pol) (See +)		
ZD	:	-1.9 dBi
Contour Levels		
ZD	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZD	:	6149
Polarization		
ZD	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr